

Conservation Effects

Land use: Cropland

Guidance Document ID#: C12

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Resource Setting: Orchard, vineyard or ornamental nursery not adjacent to surface water. Not irrigated.

RMS Alternative #2

Critical Area Planting (342)

Diversion (362)

Heavy Use Area Protection (561)

Mulching (484)

Nutrient Management (590)

Pest Management (595)

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
SOIL Erosion		
1) Sheet & rill erosion	Critical Area Planting (342) Heavy Use Area Protection (561) Mulching (484)	soil loss less than "T"
2) Ephemeral gully/concentrated flow erosion	Critical Area Planting (342) Diversion (362) Heavy Use Area Protection (561)	gullies stabilized
3) Classic gully/concentrated flow erosion	Diversion (362)	gullies stabilized
WATER Quality – ground water		
1) Pesticides	Pest Management (595)	pesticide movement minimized
2) Nutrients	Nutrient Management (590)	nutrient movement minimized
WATER Quality – surface water – no concern		
WATER Quantity – no concern		
AIR		
1) Airborne Chemical Drift	Pest Management (595)	Application in compliance with laws and consistent with Drift Management Plan.
PLANTS		
1) Invasive species and noxious weeds	Pest Management (595)	Invasive species and noxious weeds controlled.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.
ANIMAL Habitat – no concern		
ANIMAL Management		
1) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.